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# HEAT CAPACITY MAPPING REPORT

NAS 5 - 24232

81-10018  
CR-163510

## STANFORD REMOTE SENSING LABORATORY

Dept. of Applied Earth Sciences  
Stanford, California 94305

(E81-10018) GEOLOGICAL AND GEOTHERMAL DATA  
USE INVESTIGATIONS FOR APPLICATION EXPLORER  
MISSION-A (HEAT CAPACITY MAPPING MISSION)  
Quarterly Report, 1 Apr. - 30 Jun. 1980  
(Stanford Univ.) 1 p HC A02/MF A01 CSCL 08B G3/43

N81-12495

Unclass  
00018

### QUARTERLY REPORT

April 1, 1980 to June 30, 1980

*R.J.P. Lyon*

Ronald J.P. Lyon  
Principal Investigator

*Irwin Remson*

Irwin Remson  
Chairman

*George A. Parks*

George A. Parks  
Associate Dean Research

*S. Hopkins*  
Sponsored Projects

**A. Title of Investigation:**

## Geological and Geothermal Data Use Investigations for Application Explorer Mission-A (Heat Capacity Mapping Mission)

**B. Investigation No.:**

**Contract NAS 5-24232**

**C. Principal Investigators:**

**R.J.P. Lyon**  
**Dept. of Applied Earth Sciences**  
**School of Earth Sciences**  
**Stanford University**  
**Stanford, California 94305**  
**(415) 497-0847**

**A. E. Prelat**  
**Dept. of Applied Earth Sciences**  
**School of Earth Sciences**  
**Stanford University**  
**Stanford, California 94305**  
**(415) 497-0847**

#### D. Technical Monitor:

**J.C. Broderick**  
**Goddard Space Flight Center**  
**Greenbelt, Maryland 20771**  
**(301) 982-4826**

**E. Period:**

**April 1, 1980 to June 30, 1980**

**F. Action Required:**

### Results to date:

Further digital processing of HCMM digital data has been performed to extract the temperature from the day/night passes to calculate the apparent  $\Delta T$  in the Yerington, Nevada mine area.

Further processing is needed to observe the atmospheric effect.

